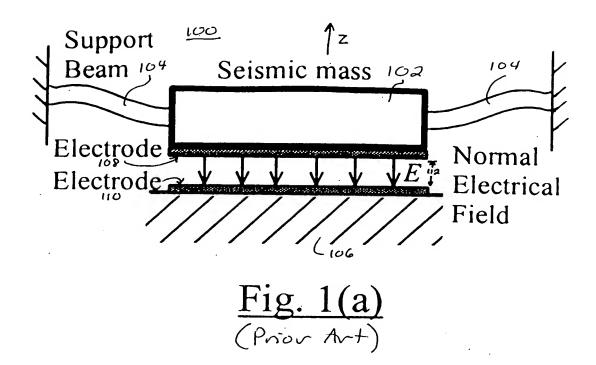
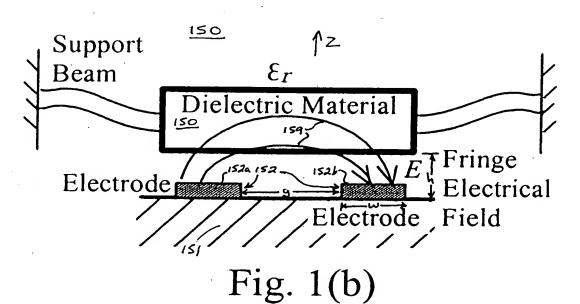
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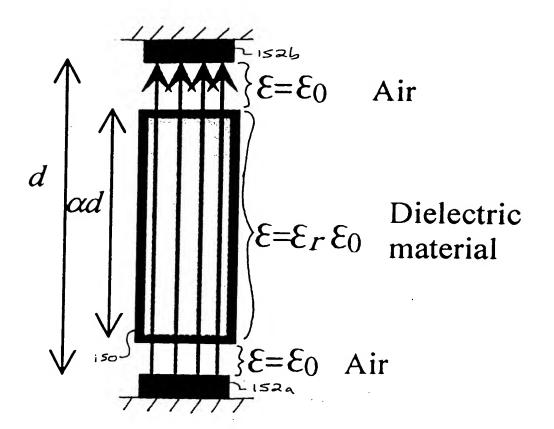


Fig. 1(c)

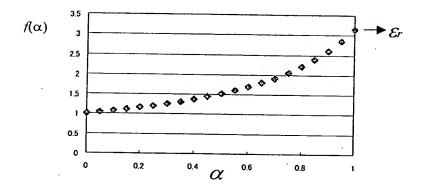
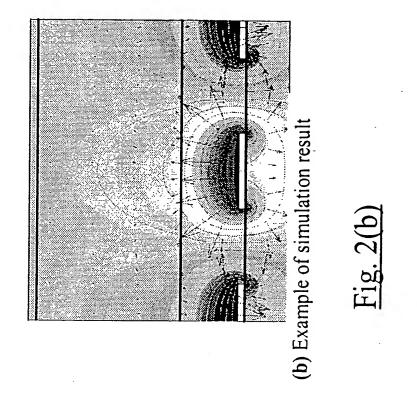


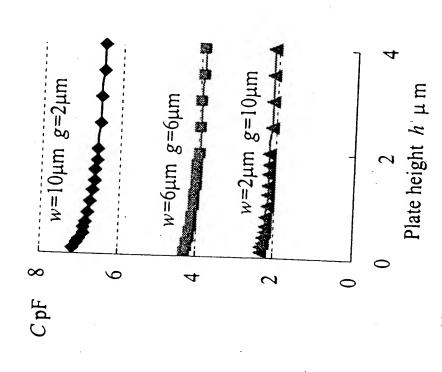
Fig. 1(d)



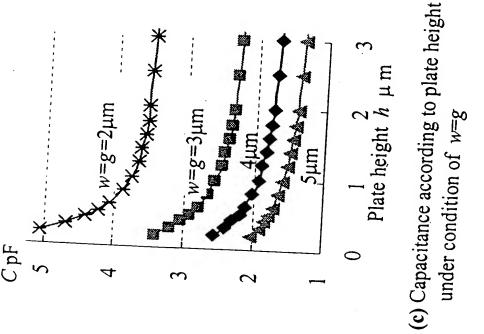
Air  $\varepsilon_r = 1$ Parylene  $\varepsilon_r = 3.15$ Sum

OV Air SVOv Air SVOvariz  $\varepsilon_r = 4$ Quartz  $\varepsilon_r = 4$  2(g+w)

Fig. 2(a)

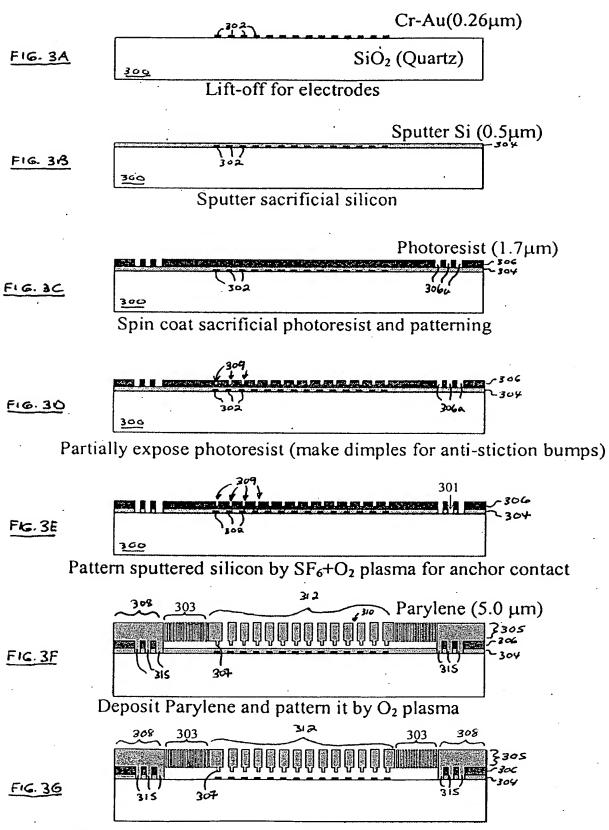


(d) Capacitance according to plate height under condition of  $w+g=12\mu m$ 



F1g. 2(c)

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Strip sacrificial photoresist, BrF3 etching of sacrificial silicon

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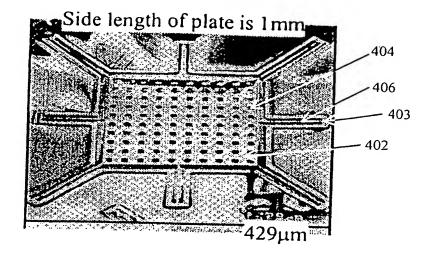


Fig. 4(a)

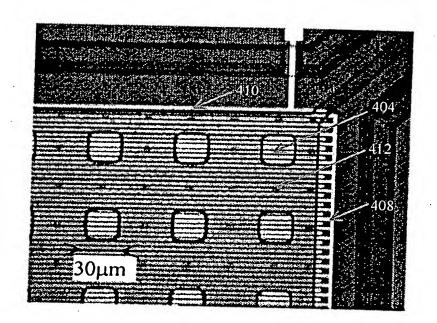
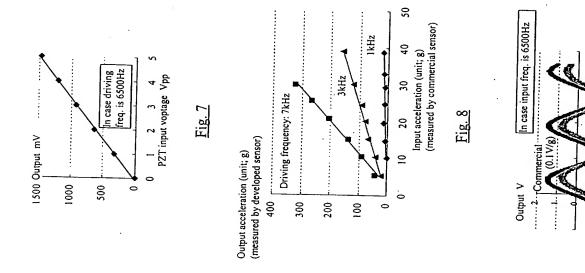
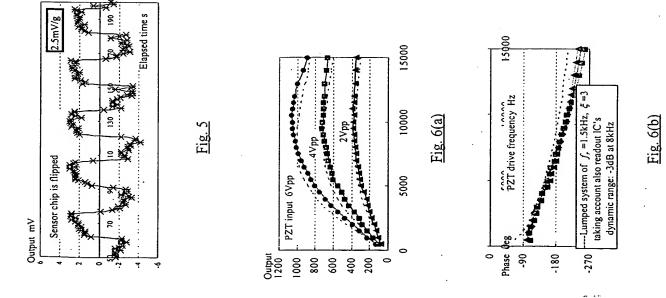


Fig. 4(b)



Data of developed sensor is 5 times multiplied.

Elapsed time s



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